

LEGEND: LAB EQUIPMENT & REQUIREMENT (BY LAB CONTRACTOR)

LTB.15: 8x Lab Table 1no. 2 gang Sockets Outlet Dim: W=600 x L=1500 H=900mm Weight: 50kg Volt: 240V/1ph

2. <u>L/TB:</u> Lecturer Table + Chair Dim: W=600 x L=1000 x H=750mm Weight: 10kg

3. <u>CM/Mc:</u> Coordinate Measuring MAchine Dim: W=1000 x L=1000 x H=950mm Weight: 120kg Volt: 240V/1ph

4. <u>PRO/P:</u> Profile Projector Dim: W=500 x L=500 x H=500mm Weight: 25kg

Granite Surface Table

Weight: 30kg

Dim: W=800 x L=1000 x H=1000mm Weight: 140kg Volt: N/A 6. IMP/Mc: Impact Testing Machine Dim: W=360 x L=360 x H=625mm

LTB.15 LTB.15 22x Lab Table 1x 2 gang Sockets Outlet Dim: W=600 x L=1500 H=900mm Weight : 50kg Volt: 240V/1ph 7. <u>SC/T:</u> 30x Student Chair + Tablet Fabric Cushioned Weight: 3kg

8. <u>WB.24:</u> Wall Mounted White Board Dim: W=1200 x L=2400mm Weight: 10kg

9. <u>TOR/Mc:</u> Torsion Test Machine Dim: W=255 x L=790 x H=300mm Weight: 25kg Volt: 240V/1ph

10. <u>TBT/Mc:</u> Tensile and Brinell Testing Machine Dim: W=360 x L=360 x H=820mm Weight: 24kg

11. UT/Mc:
Universal Testing Machine
Dim: W=450 x L=620 x H=1050mm

Volt: 240V/1ph

Weight: 80kg

LECEND , ELECTRICAL INCTALLATION

<u>LEGEND</u> : <u>ELECTRICAL INSTALLATION</u>							
SYMBOL	DESCRIPTION(S)	QTY					
M	2 X 14W RECESSED TYPE T5 FLUO. FTG. C/W MI OR REFLECTOR & ALUMINIUM CROSS BLADE. (ELECTRONIC BALLAST)	2					
	2 X 28W RECESSED TYPE T5 FLUO. FTG. C/W MI OR REFLECTOR & ALUMINIUM CROSS BLADE. (ELECTRONIC BALLAST)	14					
** **	10A 1/2/3/ GANG ONE WAY LIGHTING SWITCH AT 1450mm AFFL.	- 2 -					
Ŧ	13A SWITCH SOCKET OUTLET (RUN IN FLOOR TRUNKING) MOUNTED AT TABLE / LOW HEIGHT PARTITION. (ACTUAL POSITION TO BE DETERMINE ON SITE)	4					
32A TPN	32A TPN ISOLATOR PT AT 900mm AFFL (UNLESS OTHERWISE STATED).	2					
900mm	13A TWIN SWITCH SOCKET OUTLET AT 900mm AFFL (UNLESS OTHERWISE STATED).	9					
WF &	13A SWITCH SOCKET OUTLET AT ABOVE CEILING LEVEL FOR WHI SYSTEM	1					
8	13A SWITCH SOCKET OUTLET AT BELOW CEILING LEVEL FOR SPEAKER	2					
8	13A SWITCH SOCKET OUTLET AT ABOVE CEILING LEVEL FOR PROJECTOR	1					
-  ✓	20A 1 GANG ONE WAY DOUBLE POLE SWITCH (FOR PROJECTOR & SPEAKER)	2					
	UNDER FLOOR JUNCTION BOX ( 250mm X 250mm X 56mm )  FOR POMER, TELEPHONE & DATA CAST IN FLOOR SLAB.  DATA - 150mm X 25mm X 32mm UNDERFLOOR UPVC TRUNKING/CONDUIT. (CAST IN FLOOR SLAB)  - POWER - 150mm X 32mm X 32 mm UNDERFLOOR UPVC TRUNKING/CONDUIT. (CAST IN FLOOR SLAB)	AS SHOWN					
	150mm X 25mm METAL TRUNKING DROPPER	AS SHOWN					
	-25MM PVC CONDUIT FOR AUDIO AND VISUAL C/W INSPECTION BOX (BY ELECTRICAL CONTRACTOR)	AS SHOW					
	SYMBOL  SY  SY  SY  SY  SY  SY  SY  SY  SY  S	SYMBOL  DESCRIPTION(S)  2 X 14W RECESSED TYPE TS FLUO. FTG. C/W MI OR REFLECTOR & ALUMINIUM CROSS BLADE. (ELECTRONIC BALLAST)  2 X 28W RECESSED TYPE TS FLUO. FTG. C/W MI OR REFLECTOR & ALUMINIUM CROSS BLADE. (ELECTRONIC BALLAST)  3 10A 1/2/3/ GANG ONE WAY LIGHTING SWITCH AT 1450mm AFFL.  1 13A SWITCH SOCKET OUTLET (RUN IN FLOOR TRUNKING) MOUNTED AT TABLE / LOW HEIGHT PARTITION. (ACTUAL POSITION TO BE DETERMINE ON SITE)  32A TPN  32A TPN  32A TPN SOCKET OUTLET AT 900mm AFFL (UNLESS OTHERWISE STATED).  ***  ***  ***  ***  ***  ***  **  **					

ARCH NOTE:

1) ALL WORKS SHALL BE CA IED OUT UNDER THE MAIN CONTRACTOR UNLESS SPECIFIED OTHERWISE.

2) CONTRACTOR SHALL REFER CONCURRENTLY TO ARCHITECTURAL SCHEDULE OF FINISHES, WALL TYPE, CEILING TYPE, WINDOW, DOOR, IRONNOSERY AND SANTIARYWARE.

3) CONTRACTOR SHALL REFER CONCURRENTLY TO MAKE SCHEDULES FOR MECHANICAL, ELECTRICAL ACCESSORIES AND LIGHT FITTINGS.

4) CONTRACTOR SHALL SUBMIT COORDINATED SHOP DRAWINGS BASED ON VERIFIED SITE DIMENSIONS, FOR ARCHITECT'S

5) CONTRACTOR SHALL SURMIT ALL PROPOSED MATERIALS AND SAMPLES FOR ARCHITECT'S APPROVAL

ALL ID FIMENT, SYSTEM & LOOSE FURNITURE REFER TO ID SCHEDULE/ DETAILS (VI ID CONTRACTOR).

ALL LAB EQUIPMENT AND REQUIREMENT WILL BE PROVIDED BY LAB CONTRACTOR/SPECIALIST.

1) ALL EQUIPMENT DIMENSION SHOWN IS PRELIMINARY & ACTUAL DIMENSION TO BE DETERMINED BASED ON EQUIPMENT 2) 300 LUX LEVEL DESIGN BASED ON MS STANDARD: 1525 (2007)

2) 300 LUX EVEL DESIGN BASED ON MS STANDARD:15426 (2007)
3) TO MEET MINIMUM REQUIREMENTS OF VENTILATION RATE IN ASHRAE 62.1 OR THE LOCAL BUILDING CODE WHICHEVER IS MORE STRINGENT.
4) THIS DRAWNOS SHALL BE STUDIED IN CONJUNCTION WITH ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL & PLUMBING DRAWNO.
5) CELLING HEIGHT SHALL ACHIEVE 2800MM MINIMUM.

6) JUNCTION BOX & UNDERFLOOR TRUNKING CONCEALED CONDUIT/TRUNKING SHALL BE PROVIDED BY ELECTRICAL

DRAWING TITLE :

FOR AUDIO/VISUAL SERVICES TO LECTURER SEATING AREA.

## CONSTRUCTION DRAWING

BLOK B – PERPUSTAKAAN DAN BILIK KULIAH 6 TINGKAT BLOK C – BANGUNAN AKADEMIK DAN DEWAN SERBAGUNA

BLOK D - DEWAN KULIAH DAN KAFETERIA 3 TINGKAT

 BANGUNAN AKADEMIK 5 TINGKAT
 UNIT PONDOK PENGAWAL DAN 1 UNIT TNB 11 KV STESEN SUIS UTAMA

UNTUK: TETUAN KDU COLLEGE (PG) SDN. BHD

NAME: DR.CHONG BENG KEOK

CHIEF EXECUTIVE OFFICER (CEO) C. NO: 610612-02-5048

ALAMAT :KDU COLLEGE (PG) SDN.BHD. 32, JALAN ANSON, 10400 GEORGE TOWN, PULAU PINANG. TEL. NO: 604-2386368

BH YEW ARCHITECT ARCHITECT SIGNATURE: 15TH FLOOR, BANGUNAN AMMETLIFE, NO.1, JLN. LUMUT, 50400 KUALA LUMPUF

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### KITCHEN SPECIALIST

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# NO. 21-1, JALAN SEMENYIH SENTRAL 1, SEMENYIH SENTRAL,

MATERIAL SCIENCE / METROLOGY LAB FURNITURE LAYOUT PLAN

11.03.16	1: 50	EJ/EDM			
PROJECT NO. :		STATUS	BLOCK	DWG. NO	REVISION
5531	14	CA	E	0901	А